



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE



DAN WYANT
DIRECTOR

October 17, 2013

Mr. Tim Halliwill, Owner
Halliwill Farms
2450 Wilkinson Road
Adrian, Michigan 49221

Dear Mr. Halliwill:

SUBJECT: CAFO Reconnaissance Inspection
Certificate of Coverage No. MIG010192
Designated Name: Halliwill Farms-CAFO

On October 3, 2013, staff of the Department of Environmental Quality (DEQ), Water Resources Division (WRD), conducted a Concentrated Animal Feeding Operation (CAFO) Reconnaissance Inspection at Halliwill Farms, located at 2450 Wilkinson Road, Adrian Michigan. The purpose of the inspection was to evaluate the facility's compliance with Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), and National Pollutant Discharge Elimination System (NPDES) Certificate of Coverage No. MIG010192.

You participated in the inspection which included an interview, and site inspection. The main purpose of this inspection was to introduce myself to you and become familiar with the facility's CAFO waste system. You stated that the herd size at the facility varies but currently has about 1,800 Heifers. We toured the facility which included observing the waste handling system for manure and silage runoff and storage structures. Manure is scraped daily from barns and routed to storage lagoons. Both lagoons appeared to be in good shape, with proper fencing around the south lagoon, and fencing being installed around the new north lagoon. Runoff from barns and feed storage areas appeared to be diverted to the lagoons as well. Keep in mind the upcoming requirement that six months storage be attained sometime between November 1 and December 31. Be sure to record the date this storage volume is attained for your records. At the time of the inspection, no maintenance issues were noted.

During the interview portion of the inspection, the following items were reviewed and/or discussed:

1. At the time of the inspection, the approved National Weather Service (NWS) forecast specified in the CAFO General Permit was down due to the shutdown of the federal government. We discussed alternative forecasts to use while the approved system was down. Now that the NWS forecast is back up, please be sure to use this forecast to determine if manure application is permitted. This forecast is available at the following link: <http://www.nws.noaa.gov/mdl/synop/products.php>.

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Enclosed is a guidance document on how to use this forecast. As stated in the general permit, printouts of weather forecasts from the time of land application shall be saved and included in the land application log, either as paper copies or electronic files. Log records shall be kept for a minimum of five years and made available to the DEQ upon request.

2. Though inspection records were not reviewed during this inspection, we went over the inspection and inspection documentation requirements set out in the General Permit. Specific inspections are required by the permit to be conducted on a regular basis, including storage structure and land application inspections. Details on these required inspections can be found on pages 7, 9, 10 and 11 in the enclosed General Permit. Records for these inspections shall be kept for five years and made available to the DEQ upon request.

We appreciate your efforts to maintain compliance with Certificate of Coverage No. MIG010192. Should you require further information, please contact me at 517-780-7917; kennedym@michigan.gov; or DEQ, WRD, Jackson District Office, 301 East Louis Glick Highway, Jackson, Michigan 49201-1556.

Sincerely,

Michael Kennedy
Environmental Quality Analyst
Water Resources Division

Enclosure

cc: Mr. Dana Kirk - silvernail13@gmail.com
File: Halliwill Farms-CAFO, MIG010192, Lenawee County

DEQ-WATER RESOURCES DIVISION POST INSPECTION REPORT

Halliwill Farms-CAFO
CAFO Recon
Inspection ID: 53898

FACILITY INFORMATION

Facility Name: Halliwill Farms-CAFO
Facility Address:

2450 Wilkinson Road
Adrian, Michigan 49221
Facility Phone:
Facility Contact: Tim Halliwill
Facility Contact Phone: (517) 547-8404

Permit Reviewed Permit No.: MIG010192
Issued: 5/18/2012
Effective: 5/18/2012
Expires: 4/1/2015
App. Due: 10/3/2014

Certified Operator:
Certified Operator Phone:

Primary Industry:

Nature of Business:

Wastewater Treatment Processes:

Municipal Classification Code: N/A

Major: No

INSPECTION INFORMATION

<u>Insp Start Date</u>	<u>Insp End Date</u>	<u>Transmittal Date</u>
10/03/13	10/03/13	10/17/13

DEQ Inspector(s)
Michael Kennedy

Workgroup
Jackson

Inspection Summary/Notes

On 10/3/13 I conducted an inspection of Halliwill Farms from approximately 9:30-10:08 am. I met with the owner Mr. Tim Halliwill. The facility houses Dairy Heifers, where they are fed and grown prior to being sent back to a dairy. Mr. Halliwill said the herd size varies, but is usually around 1800 head. Mr. Halliwill walked me through the facility. Manure from barns is scrapped daily and diverted to manure lagoons. Silage leachate runoff is contained and routed to the lagoon. Waste from the new barns on the north side of the facility is all routed to the new storage lagoon on the North West side of the facility. Mr. Halliwill said the barns were populated in December 2012. The barns are built on a slope to direct manure to the lagoon. The facilities appeared to be well maintained with no maintenance issues noted during the inspection.

Following the inspection I informed Mr. Halliwill of field application and waste storage structure inspection requirements. I showed him these requirements in the general permit and told him the documentation required for these inspections. I gave him a copy of a waste storage structure inspection record form. I informed Mr. Halliwill that the approved forecast to be used in the general permit was down at the time due to the government shut down, and I gave him a copy of an email I sent out to all the farms and CNMP providers. He said he was currently using DTN forecasts. I told him the general permit requires the National Weather Service forecast be used. I told him to keep using the DTN forecast until the NWS forecast is back up. I told him I would send him information on this forecast. I informed Mr. Halliwill that if he wishes to use the DTN forecast, that he would need to apply for an individual permit. On 10/4/13 I send Mr. Halliwill an email with the forecast information. This information was also included in the correspondence for this inspection. On 10/7/13 I sent Mr. Halliwill an email with a link to the DEQ CAFO website, and inspection sheets attached.

DEQ-WATER RESOURCES DIVISION
POST INSPECTION REPORT

AREAS EVALUATED

Comment

DISCHARGE(S) Not Evaluated

WASTE STORAGE STRUCTURES Satisfactory

Adequate freeboard and depth gauges. Fence around South lagoon and being constructed around North lagoon.

CONSERVATION PRACTICES Not Evaluated

DIVERT CLEAN WATER Not Evaluated

ANIMAL CONTACT W/ WATERS OF STATE Satisfactory

None noted

ANIMAL MORTALITY Not Evaluated

CHEMICAL DISPOSAL Not Evaluated

INSPECTION, PROPER OPERATION & MAINTENANCE Not Evaluated

LAND APPLICATION OF WASTE Not Evaluated

RECORD KEEPING Not Evaluated

NON-PRODUCTION AREA STORM WATER Not Evaluated

CNMP Satisfactory

Animal numbers at facility match CNMP

REPORTING REQUIREMENTS Satisfactory

Annual report received timely and acceptable

MANIFESTING Satisfactory

Production area runoff collected and diverted to lagoons

DEQ-WATER RESOURCES DIVISION
POST INSPECTION REPORT

VIOLATIONS

SOC Violations

Viol ID	SOC ID	Program Name	Schedule Name	Due Date	Detection Date	SOC Status	Violation Status
143229	38200	Comprehensive Nutrient Mana	Annual Report	04/01/13	04/02/13	Retired	Retired

Comments/Notes

Completed by _____ Michael Kennedy _____

Date _____

